Philips
Flat TV with Ambilight and Pixel Plus 3 HD

47"

LCD DVB-T MPEG4

**47PFL7603H**

# Light up your experience.

Immerse yourself in a captivating Ambilight experience. Featuring a full HD 1080p display and Pixel Plus 3HD, this Flat TV combines HD Natural Motion, exciting invisible sound and Ambilight - lighting up your experience for years to come.

### Elevate your viewing experience

- Ambilight enhances the viewing experience with ambient light

### Pictures come alive

- Pixel Plus 3 HD for most sharp and clear pictures
- Full HD LCD display, with a 1920x1080p resolution
- HD Natural Motion for ultra smooth motion in Full HD movies
- Dynamic contrast 30000:1 for incredible rich black details
- HDTV with MPEG4 to enjoy true-to-life HD pictures

### Exciting and powerful sound

- Integrated wOOx loudspeakers for deep and powerful bass

### Connect, install and enjoy

- Integrated Digital Tuner for DVB-T reception
- USB for fantastic photo and music playback
- 3 HDMI inputs for full digital HD connection in one cable
- EasyLink: easy control of TV & connected device via HDMI CEC

PHILIPS

sense and simplicity

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## Specifications

### Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 30000:1
- Response time (typical): 5 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 47 inch / 119 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Color Enhancement, Color Transient Improvement, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, HD Natural Motion
- Screen enhancement: Anti-Reflection coated screen

### Ambilight
- Ambilight Features: Ambilight 2 Channel
- Preset modes: 4 Active Adaptive modes

### Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480 | 60, 72, 75, 85Hz |
| 800 x 600 | 60, 72, 75, 85Hz |
| 1024 x 768 | 60, 70, 75, 85Hz |
| 1920 x 1080i | 60Hz |
| 1920 x 1080p Via HDMI/DVI input | 60Hz |

- Video formats

| Resolution | Refresh rate |
|---|---|
| 480i | 60Hz |
| 480p | 60Hz |
| 576i | 50Hz |
| 576p | 50Hz |
| 720p | 50, 60Hz |
| 1080i | 50, 60Hz |
| 1080p | 50Hz, 60Hz |
| 1080p | 24Hz, 25Hz, 30 Hz |

### Sound
- Equalizer: 5-bands
- Output power (RMS): 2 x 15W
- Sound Enhancement: Auto Volume Leveller, Graphic Equaliser
- Sound System: Nicam Stereo, Virtual Dolby Digital, BBE

### Loudspeakers
- Built-in speakers: 2
- Loudspeaker types: wOOx loudspeakers

### Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake up Clock
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control
- Electronic Program Guide: Now + Next EPG, 8 day Electronic Program Guide
- Picture in Picture: Text dual screen
- Remote Control: TV
- Remote control type: RCPF03E08B
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 1200 page Hypertext
- Teletext enhancements: 4 favourite pages, Program information Line
- Smart mode: Movie, Standard, Vivid

### Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

### Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB-T MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Tuner Display: PLL

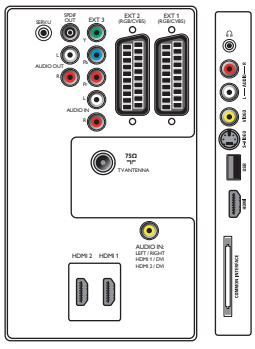
### Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB
- Ext 3: YPbPr, Audio L/R in
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- HDMI-control (CEC features): One touch play, System standby
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- Other connections: Analog audio Left/Right out, PC Audio in, S/PDIF out (coaxial), Common Interface

### Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220 - 240V, 50/60Hz
- Power consumption: 270 W
- Standby power consumption: 0.15 W

### Dimensions
- Set dimensions (W x H x D): 1163 x 712 x 117 mm
- Set dimensions with stand (W x H x D): 1163 x 786 x 310 mm
- Weight incl. Packaging: 50.7 kg
- Product weight: 29.5 kg
- Product weight (+stand): 36.5 kg
- Box dimensions (W x H x D): 1287 x 883 x 391 mm
- Color cabinet: Black colour deco front & white colour back cover
- VESA wall mount compatible: 400 x 400 mm

### Accessories
- Included Accessories: Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control

| Stereo system | | | | | Transmission system | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2CS DK | NICAM DK | 2CS BG | NICAM I | NICAM LL' | PAL BG | PAL D/K | PAL I | SECAM BG | SECAM DK | SECAM LL' |
| • | • | • | • | • | • | • | • | • | • | • |



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## Product highlights

### Ambilight
*Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colors and light intensity of the on-screen image. It adds a new dimension to the viewing experience, completely immersing you into the content you are watching. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight automatically and independently adapts its colors according to the changing content on the screen.*

### Pixel Plus 3 HD
*Pixel Plus 3 HD offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clean and razor sharp.*

### Full HD LCD display 1920x1080p
*The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.*

### HD Natural Motion
*Philips invented HD Natural Motion to eliminate juddering effects that are visible with movie based picture content. HD Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level. HD Natural Motion removes judder from SD and HD pictures, including 1080p, for a motion performance that surpasses the cinema!*

### Integrated Digital DVB-T tuner
*The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set top box and also the additional cables.*

### Integrated wOOx loudspeakers
*wOOx technology creates a superior bass sound by capturing and enhancing low frequency bass for a dramatically enhanced bass and sound experience.*

### 3 HDMI inputs
*HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources and includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs on the back and 1 HDMI on the side of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and game console or digital Camcorder. Your TV is fully prepared for the HD future.*

### EasyLink
*EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With EasyLink only one remote control is needed to operate main functionalities on your TV and connected devices. EasyLink uses the standard HDMI cable to transfer system commands. It works between all electronic devices equipped with HDMI CEC.*

Issue date 2008-10-26

Version: 2.0.17

12 NC: 8670 000 36583
EAN: 87 12581 39146 1

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